

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method of recycling waste carpeting and forming a new carpet containing the recycled waste carpeting comprising:
  - (a) collecting waste carpeting containing calcium carbonate and a thermoplastic resin;
  - (b) processing the waste carpeting to provide a first material from the waste carpeting containing a first filler including the calcium carbonate and [[a]] the thermoplastic resin and reducing the first material to a predetermined size in a range of 50-100 to 95-325 wherein the first number represents the percentage of the first material which will pass through a mesh screen having a mesh size corresponding to the second number;
  - (c) adding the first material to a second material to provide a composite material useful in the manufacture of ~~a useful product~~ the new carpet; and
  - (d) making the ~~useful product using~~ new carpet containing the composite material.
2. (Cancelled)
3. (Currently Amended) A method according to Claim ~~[[2]]~~ 1 wherein the step of reducing includes grinding the first material ~~to said predetermined size~~.
4. (Cancelled)

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5. (Currently Amended) A method according to Claim 1 including adding the first material to the second material to comprise a carpet backcoating and where step ~~(d)~~ (c) is practiced by making a carpet backcoating.

6. (Currently Amended) A method according to Claim 5 including processing the composite material of step (c) into molten form having a viscosity in a range of 10,000-30,000 CPS.

7. (Currently Amended) A method according to Claim 6 wherein step (c) is practiced to produce a carpet backcoating with about 3-30% EVA copolymer, about 15-65% resin and 30-70% of a second filler wherein the second filler comprises calcium carbonate and a predetermined percentage of the composite material.

8. (Cancelled)

9. (Cancelled)

10. (Currently Amended) A method according to Claim 1 wherein ~~steps~~ step (c) and ~~(d)~~ are is practiced to produce a latex, ~~EVA or PVC~~ carpet backcoating and making new carpeting with the latex carpet backcoating.

11. (Cancelled)

12. (Cancelled)

13. (Withdrawn) Carpeting having a face, primary backing, primary backcoating and at least one secondary backcoating; and wherein at least one of said primary and secondary backcoatings comprise a latex compound and a filler and wherein about 20-50% of said filler is size-reduced waste carpeting.

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14. (Withdrawn) Carpeting according to Claim 13 wherein said size-reduced waste carpeting comprises size-reduced post-consumer waste carpeting and wherein said filler has a particle size in a range of about 50-100 to 95-325 wherein the first number represents the percentage of the filler which will pass through a mesh screen having a mesh size corresponding to the second number.

15. (Currently Amended) A method of recycling waste carpeting and forming a ~~useful intermediate product~~ new carpeting containing the recycled waste carpeting, comprising the steps of:

- (a) collecting waste carpeting containing calcium carbonate and at least one of a thermoplastic resin, nylon and caprolactam; ~~and~~
- (b) reducing the waste carpeting to a predetermined particle size in a range of ~~50-100 to 95-325~~ about 78-200 wherein the first number represents the percentage of the waste carpeting which ~~pass~~ passes through a mesh screen having a mesh size corresponding to the second number;
- (c) combining the waste carpeting in a molten resin to form a molten backcoating; and
- (d) forming the new carpeting using the backcoating of step (c) by applying the molten backcoating using an applicator roll to a substrate also forming a part of the new carpeting.

16. (Cancelled)

17. (Cancelled)

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18. (Original) A method according to Claim 15 wherein the waste carpeting of step (a) contains calcium carbonate 50-70%, a thermoplastic resin mixture 0-45%, nylon 0-45% and caprolactam 0-8%, said percentages being by weight.

19. (Cancelled)

20. (New) A method according to Claim 1 wherein step (c) is practiced to produce a carpet latex backcoating containing about 5-20% water, 20-40% latex and a second filler of 0-70% calcium carbonate wherein the second filler comprises a predetermined percentage of the composite material, and step (d) includes making a new latex-backed carpet containing the composite material.